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File: USPT

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DOCUMENT-IDENTIFIER: US 6413962 B1

TITLE: Guanidino compounds effective as anesthetics

Detailed Description Paragraph Table (7):

Phenylacetic Acid + Guanidine (190) 1,4-Diguanidinobutane (Commercially available product as arcaïne) (191) 3,7-Dihydro-8-(2,6-dichlorobenzylidene 2,6-Dichlorobenzaldehyde + amino)-1,3,7-trimethyl-1H-purine-2,6-3,7-Dihydro-8-amino-dione 1,3,7-trimethyl-1H-purine-2,6-dione (192) 4,4'-(Pentanediyldibis(oxy)) bis-benzenecarboximidamide (Commercially available as pentamidine) (193) 4-N-(2,6-Dichlorobenzylideneamino)-2- Cytosine + 2,6-Dichlorobenzaldehyde oxypyrimidine (194) 3,5-Bis (3,4,5-trimethoxybenzylidene 3,4,5-Trimethoxybenzaldehyde + amino)-1,2,4-triazole 3,5-Diamino-1,2,4-triazole (195) 3,5-Bis-(6-hydroxy-2,5,7,8-tetramethyl- Trolox + chroman-2-carboxamido)-1,2,4-triazole 3,5-Diamino-1,2,4-triazole (196) 3-(5-Hydroxyindole-3-ethylamino)-5-Hydroxyindole-3-acetaldehyde + (3,4,5-trimethoxybenzylideneamino)-3,4,5-Trimethoxybenzaldehyde + 1,2,4-triazole 3,5-Diamino-1,2,4-triazole (197) 3,7-Dihydro-8-N-(2-acetoxybenzamido)- 8-Aminocaffeine + 1,3,7-trimethyl-1H-purine-2,6-dione Acetylsalicylic acid (198) 4-N-(2-Glucosylamino)-cytosine Cytosine + D-glucose (199) 3-(2,6-Dichlorobenzylideneamino)-5- Theophylline-7-acetic acid + (theophylline-7-acetamido)-1,2, 2,6-Dichlorobenzaldehyde + triazole 3,5-Diamino-1,2,4-triazole (200) 3-(6-Hydroxy-2,5,7,8-tetramethylchroman- Trolox + 2-carboxamido)-5-(N,N,N-trimethylmethan- Betaine + aminiumcarboxamido)-1,2,4-triazole 3,5-Diamino-1,2,4- triazole (201) 3-(2-Acetoxybenzamido)-5-(theophylline- Theophylline-7-acetic acid + 7-acetamido)-1,2,4-triazole 3,5-Diamino-1,2,4-triazole + Acetylsalicylic (202) 3-(2-Guanidinoacetoxybenzamido)-5- Theophylline-7-acetic acid + (theophylline-7-acetamido)-1,2,4- 2-Guanidinoacetoxybenzoic triazole acid + 3,5-Diamino-1,2,4-triazole (203) 3,7-Dihydro-8-(2-guanidinoacetoxyphenyl- 8-Aminocaffeine + carboxamido)-1,3,7-trimethyl-1H-purine- 2-Guanidinoacetoxy-2,6-dione benzoic acid (204) N-(4-Guanidinoacetoxy)-guanidino- P-Hydroxyanilin + acetanilid Guanidinoacetic Acid (205) 3,7-Dihydro-8-(6-hydroxy-2,5,7,8- 8-Aminocaffeine + tetramethylchroman-2-carboxamido)- Trolox 1,3,7-trimethyl-1H-purine-2,6-dione (206) 4-N-(6-Guanidinoacetoxy-2,5,7,8-tetra- Trolox + Cytosine + methylchroman-2-carboxamido)-4-2- Guanidineacetic Acid (hydroxy)-pyrimidine (207) 3,7-Dihydro-8-N-(2-guanidinoacetoxy- Trolox + 8-Aminocaffeine + 2,5,7,8-tetramethylchroman-2- Guanidineacetic acid carboxamido)-1,3,7-trimethylxanthine (208) N-(1,2-Dithiolane-3-pentanamido)- Thioctic acid guanidine (Alpha-lipoic acid) + Aminoguanidine (209) 3,5-Bis-(1,2-dithiolane-3-pentanamido)- Thioctic acid + 3,5- 1,2,4-triazole Diamino-1,2,4-triazole (210) 3,3'-Thiodipropylamido-guanidine Aminoguanidine + 3,3'-Thiodipropionic acid (211) Cis-1,2-ethylene-bis-(carboxamido)- Maleic Acid + guanidine Aminoguanidine (212) 3-(Glycylamido)-5-(theophylline-7- Theophylline-7-acetic acid + acetamido)-1,2,3-triazine 3,5-Diamino-1,2,4-triazole + Glycine (213) 8-[2-(4-Amino-3,5-dichlorophenyl)-2- 8-Aminocaffeine + hydroxyethylene]-8-imino-1,3,8- 2-(4-Amino-3, trimethylxanthine dichlorophenyl)-2-hydroxyethylaldehyde (214) 8-[(2-Guanidinoacetoxyethyl Cafaminol + methylamino)-caffeine Guanidineacetic acid (215) 8-(4-Aminobutylamido)-1,3,7-trimethyl- 8-Aminocaffeine + xanthine GABA (216) 9-(2'-Deoxy-5'-guanidinoacetoxy)-9-beta- 2'-Deoxyadenosine + D-ribofuranosidoadenine Guanidineacetic acid or 2'-deoxyadenosine-5'-guanidinoacetic acid ester (217) N-(4-chlorophenyl)-N'-(1-methyl-ethyl)imido- dicarbonimidic diamide (Available

commercially as chlorguanide) (218) 4-N-(2,6-Dimethoxybenzylideneamino)-4-
4-Chlorobutyric Acid + amidinobutyric acid Dimethoxybenzyl idene- guanidine (219)
2-(2,6-Dimethyl-4-hydroxyphenylamino)- 4-Chloro-3,5-xyleneol + 2-aminoimidazole
2-Hydrazinoimidazole (220) 8-N-(5-Hydroxyindole-3-ethylamino)-8- 8-Chlorocaffeine +
(1,3,7-trimethyl)-xanthine 5-Hydroxytryptamine (221) 7-(Guanidinoaminoethyl)-7-(1,3-
7-(2-Chloroethyl)-theophylline + dimethyl)-xanthine Aminoguanidine (222)
4-N-(8-Amino-1,3,7-trimethylxanthine)-4- 8-Chlorocaffeine + butyric acid
4-Aminobutyric Acid (223) N-(Diphenylmethyl)-4-(amidino)- 4-Aminobenzamide +
Benzamide Chlorodiphenylmethane (224) 1-N-(Theophylline-8-amino)-1-amino-
8-Chlorotheophylline + phthalazine Hydralazine (225)
6-Amino-2-guanidinopurineriboside 2-Chloroadenosine + Guanidine (226)
4-Chlorophenoxyacetamidoguanidine 4-Chlorophenoxyacetic acid + Aminoguanidine (227)
4-Aminoguanidinophenoxyacetamido- 4-Chlorophenoxyacetamido- guanidine guanidine +
Aminoguanidine (228) 2-(8-caffeineamino)-1,3,4-thiadiazole 2-Amino-1,3,4-thiadiazole
+ 2-N-(1,3,7-Trimethylxanthine-8-amino)- 8-Chlorocaffeine 1,3,4-thiadiazole (229)
8-N-(10,11-Dihydro-5H-dibenzo[a,d] Cyheptamide +
cycloheptene-5-carboxamido)-8-(1,3,7- 8-Chlorocaffeine trimethyl)-xanthine (230)
4,6-Diaminoguanidino-2-(methylthio)- 4,6-Dichloro-2-(methylthio)- pyrimidine
pyrimidine + aminoguanidine (231) 5-N-(10,11-Dihydro-5H-dibenzo[a,d]
4-Chlorophenoxyacetamido- cycloheptene-5-carboxamido)-5- guanidine +
(phenoxyacetamido)-guanidine cyheptamide (232)
3,5-Bis-(7-methyl-8-theophyllineamino)- 3,5-Diamino-1,2,4-triazole + 1,2,4-triazole
8-chlorocaffeine (233) N-(Hexahydro-2-oxo-1H-thieno[3,4-d]- Biotin + 4-
imidazole-4-pentanoyl)-4- Amidinobenzamide amidinobenzamide (234)
N-(Hexahydro-2-oxo-1H-thieno[3,4-d]- Biotin + imidazole-4-pentanamido-4-guanidine
Aminoguanidine